Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040422\
Data File : VW022392.D
Acq On : 04 Apr 2022 17:53
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

Quant Time: Apr 05 02:35:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040122SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Apr 05 01:44:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	234421	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	239648	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	133219	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	81404	21.188	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.760%			
7) Chloroethane-d5	2.892	69	62648	27.314	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.240%			
11) 1,1-Dichloroethene-d2	4.025	63	113909	19.983	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.920%			
21) 2-Butanone-d5	7.080	46	35398	37.707	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.420%			
24) Chloroform-d	7.653	84	133295	20.393	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 81.560%			
26) 1,2-Dichloroethane-d4	8.305	65	79569	20.587	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 82.360%			
32) Benzene-d6	8.275	84	259909	19.750	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 79.000%			
36) 1,2-Dichloropropane-d6	9.275	67	77885	19.713	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 78.840%			
41) Toluene-d8	10.323	98	270922	21.639	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.560%			
43) trans-1,3-Dichloroprop...	10.573	79	37938	19.095	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.400%			
47) 2-Hexanone-d5	10.921	63	31469	38.884	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.760%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	73920	22.178	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.720%			
66) 1,2-Dichlorobenzene-d4	13.853	152	89703	20.858	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	22552	18.279	ug/L	90
3) Chloromethane	2.221	50	50474	17.710	ug/L	100
5) Vinyl chloride	2.367	62	113778	24.436	ug/L	96
6) Bromomethane	2.782	94	75372	31.433	ug/L	90
8) Chloroethane	2.928	64	60180	31.078	ug/L	100
9) Trichlorofluoromethane	3.257	101	36515	26.485	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	70400	22.342	ug/L	93
12) 1,1-Dichloroethene	4.044	96	64818	21.948	ug/L	89
13) Acetone	4.117	43	24712	38.442	ug/L	89
14) Carbon disulfide	4.385	76	206571	22.171	ug/L	96
15) Methyl Acetate	4.678	43	31509	18.790	ug/L	90
16) Methylene chloride	4.922	84	79920	22.768	ug/L	86
17) trans-1,2-Dichloroethene	5.434	96	77077	22.035	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	129322	21.211	ug/L #	94
19) 1,1-Dichloroethane	6.220	63	135207	21.049	ug/L	94
20) cis-1,2-Dichloroethene	7.171	96	83627	22.448	ug/L	89
22) 2-Butanone	7.171	43	43208	42.612	ug/L	92
23) Bromochloromethane	7.513	128	38283	23.427	ug/L #	79
25) Chloroform	7.677	83	145640	22.211	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	109569	22.255	ug/L	#	94
29) Cyclohexane	7.958	56	134972	20.688	ug/L		92
30) 1,1,1-Trichloroethane	7.878	97	128222	21.703	ug/L		94
31) Carbon tetrachloride	8.074	117	113294	21.289	ug/L		99
33) Benzene	8.323	78	335069	21.781	ug/L		100
34) Trichloroethene	9.092	95	89243	22.334	ug/L		90
35) Methylcyclohexane	9.335	83	157052	22.326	ug/L		92
37) 1,2-Dichloropropane	9.366	63	83220	21.830	ug/L		99
38) Bromodichloromethane	9.646	83	114798	21.592	ug/L		94
39) cis-1,3-Dichloropropene	10.073	75	134258	21.539	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	111490	41.590	ug/L	#	92
42) Toluene	10.384	91	399866	23.370	ug/L		100
44) trans-1,3-Dichloropropene	10.604	75	123436	21.382	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	65471	22.964	ug/L		95
46) Tetrachloroethene	10.860	164	70413	24.574	ug/L		82
48) 2-Hexanone	10.969	43	82000	43.330	ug/L	#	95
49) Dibromochloromethane	11.128	129	79628	22.560	ug/L		97
50) 1,2-Dibromoethane	11.232	107	64695	22.343	ug/L		100
51) Chlorobenzene	11.658	112	251872	23.809	ug/L		96
52) Ethylbenzene	11.731	91	447379	23.574	ug/L		95
53) m,p-Xylene	11.835	106	176096	24.311	ug/L		90
54) o-Xylene	12.164	106	168055	23.951	ug/L		85
55) Styrene	12.176	104	292602	24.009	ug/L		86
57) 1,1,2,2-Tetrachloroethane	12.713	83	86185	23.605	ug/L		99
59) Bromoform	12.347	173	46615	23.484	ug/L	#	98
60) Isopropylbenzene	12.463	105	475086	23.743	ug/L		96
61) 1,2,3-Trichloropropane	12.768	75	61614	21.281	ug/L		95
62) 1,3,5-Trimethylbenzene	12.939	105	259432	23.253	ug/L		95
63) 1,2,4-Trimethylbenzene	13.249	105	392303	23.428	ug/L		95
64) 1,3-Dichlorobenzene	13.493	146	196891	24.826	ug/L		89
65) 1,4-Dichlorobenzene	13.579	146	200797	24.127	ug/L		99
67) 1,2-Dichlorobenzene	13.865	146	181184	24.832	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	14028	18.801	ug/L	#	82
69) 1,3,5-Trichlorobenzene	14.627	180	131334	24.450	ug/L		89
70) 1,2,4-trichlorobenzene	15.127	180	113567	25.787	ug/L		98
71) Naphthalene	15.365	128	238304	23.341	ug/L		100
72) 1,2,3-Trichlorobenzene	15.554	180	96874	25.114	ug/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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